Faculty Positions

**Position Title / Rank:** Assistant Professor in Computational Biology/Bioinformatics

**College:** College of Biological Science

**Department:** Integrative Biology

**Deadline:** February 19, 2018 or until a suitable candidate is found

**Please reference AD # 17-80**

**Position Description:**

The Department of Integrative Biology seeks to appoint a tenure-track faculty member in Computational Biology with emphasis on Bioinformatics. The candidate should demonstrate expertise in developing and applying computational tools, algorithms and approaches to bioinformatics research. Through the development of new computational tools in bioinformatics, the successful candidate will work collaboratively with an established team of researchers whose collective goal is to establish a cutting-edge program to identify genomic and population responses to environmental stressors. Particular emphasis is placed on development and application of computational tools, algorithms and approaches for acquiring, storing, organizing, archiving, analyzing, and visualizing data in efficient and innovative ways.

This position will be supported, in part, by the University of Guelph's $76.7 million Food from Thought initiative, funded by the Canada First Research Excellence Fund. The goal of this project is to exponentially increase our ability to leverage big data for the benefit of food production and biodiversity at global, landscape and micro scales of research and innovation through strong multidisciplinary research. The Food from Thought initiative will integrate and strengthen the University's data management and analysis capabilities across our facilities and our partners, and better support and incubate faculty and student innovations. The successful candidate will have demonstrated commitment and skills to contribute to undergraduate teaching in the Department of Integrative Biology as well as graduate courses in the bioinformatics graduate program in computational genomics and/or systems biology. Of equal importance will be the potential to collaborate with a wide variety of other faculty members, graduate students and staff as well as providing effective leadership and strong participation in the Food from Thought research program.

A Ph.D. is required. Salary is negotiable and commensurate with qualifications. Candidates should submit a *curriculum vitae*, statements of teaching and research interests plus the names of three referees electronically (merged into a single PDF) to the following address by **February 19, 2018**:

John Fryxell  
Professor and Chair, Department of Integrative Biology  
College of Biological Science  
University of Guelph  
Guelph, ON N1G 2W1  
ib.awards@uoguelph.ca (mailto:ib.awards@uoguelph.ca)

All qualified applicants are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Guelph acknowledges the Attawandaron people on whose traditional territory the University of Guelph resides and offer our respect to our Anishinaabe, Haudenosaunee and Métis neighbours as we strive to strengthen our relationships with them.

At the University of Guelph, fostering a culture of inclusion is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.